SUBJECT INDEX TO VOLUME 111

ABDOMEN, surgery, Diagnostic laparotomy, ed. 376; Selective intra-arterial perfusion of total abdominal viscera for carcinoma, 484

Abnormalities and deformities, Development of cleft palate resulting from maternal pteroylglutamic (folic) acid deficiency during latter half of gestation in rats, 19; Direct approach to repair in plastic surgery, ed. 509; Primary compromise for bilateral cleft lip, 557

Acceleration, Experimental studies on relation between, and intracranial pressure changes in man, 329

Accidents, automobile, Experimental studies on relation between acceleration and intracranial pressure changes in man, 329

Adrenals, excision, Adrenalectomy—saga of unknown, 116; function, Preoperative evaluation of chronically ill surgical patient by tilt table and adrenal responses correlated with blood volumes, 163; Skin homograft rejection in adrenalectomized and gonadectomized individuals maintained on meticorten, 545

American College of Surgeons, Clinical Congress, 1960, San Francisco, Preliminary plans for 46th, Civic Auditorium, 10 to 14 October, 127, 254, 391

Amputations, Interscapulothoracic, and sacroiliac disarticulation with adjunctive arterial chemotherapy, 457

Anatomy, Adrenalectomy—saga of unknown, 116; Surgical, of inguinal region based upon study of 500 body-halves, 707

Antibodies, tumor, Perfusion of chemically modified, for therapy of cancer, 322

Aorta, occlusion, Effect on renal function of, inferior to renal vessels, 423; grafts, Fate of homografts and prostheses of human, 659

Aortic valves, Surgical correction of aortic insufficiency associated with ventricular septal defect, 71

Arm, Cause and treatment of edema of, following radical mastectomy, 29

Arteries, surgery, Study of experimental methods for producing thrombosis in small, 131; roentgenography, Studies in visceral arteriography, 192; pulmonary, Some observations concerning pulmonic vasa vasorum, 297; renal, Effect on, function of occlusion of aorta inferior to, vessels, 423; chemotherapy, Interscapulothoracic amputation and sacroiliac disarticulation with adjunctive arterial, 457; Selective intra-arterial perfusion of total abdominal viscera for carcinoma, 484; femoral, Composite reconstruction of, with saphenous vein after endarterectomy, 651

Arteriography, See Arteries, roentgenography

Ascites, Experimental study of role of hepatic lymph in production of, 77; varices, or both, ed. 781

Asepsis, antisepsis, and antiseptics, Floor as reservoir of hospital infections, 412; Need to re-emphasize principles of, ed. 511

Atelectasis, See Lungs, collapse

BACTERIA, infection, Floor as reservoir of hospital, 412

Bile, Potentiating influence of apnea, hypoxia, and hypercapnia on, -induced hemorrhagic pancreatic necrosis, 304

Bile ducts, Total sphincteroplasty without drainage of common, in treatment of biliary tract disease, 339; surgery, Biliary intestinal anastomosis using Janeway type duodenal tube, 593

Biliary tract, roentgenography, Technique and evaluation of operative cholangiography, 102; disease, Total sphincteroplasty without drainage of common bile duct in treatment of, 339

Biopsy, cone, Carcinoma in situ of uterine cervix, 177

Bladder, Artificial, from gastric pouch, 155

Blood, ammonia, Direct removal of portal, by liver, 58; fibrin, Components of fibrinolytic system in venous segment undergoing experimental thrombosis, 135; circulation, Esophageal varices produced experimentally in dog, 147; volume, Preoperative evaluation of chronically ill surgical patient by tilt table and adrenal responses correlated with, 163; storage, Stability and quality of plastic transfusion equipment, 170; circulation, Importance of electroencephalogram during open cardiac surgery with particular reference to superior vena caval obstruction, 197; coagulation, Emboli in surgical treatment of mitral stenosis, 289; circulation, extracorporeal, Syndrome following total body perfusion, 317; circulation, Coronary, flow measured by surface counting technique, 371; circulation, Effect on renal function of occlusion of aorta inferior to renal vessels, 423; circulation, Rate of hepatic, flow in normal subjects and in patients with portal hypertension, 443; circulation, Use of intravascular balloon catheters for isolation of pelvic vascular bed during pump-oxygenator perfusion of cancer chemotherapeutic agents, 464; coagulation, Possible indication of postoperative thromboembolism by platelet counts and, studies in patient undergoing extensive surgery, 469; circulation, extracorporeal, Selective intra-arterial perfusion of total abdominal viscera for carcinoma, 484; circulation, Renal autoregulation, 540; volume, changes associated with essential hypertension, 569; circulation, Composite reconstruction of femoral artery with saphenous vein after endarterectomy, 651; cells, Clinical study of circulating tumor, in malignant melanoma, 675; circulation, Abolition of renal autoregulation by renal decapsulation, 682; volume, Use of packed red cells versus whole, in presence of impaired cardiac reserve, 729; circulation, Reconstructive problems in canine liver homotransplantation with special reference to postoperative role of hepatic venous flow, 733; circulation, extracorporeal, Intermittent cold coronary perfusion as adjunct to open heart surgery, 744; circulation, extracorporeal, Gastric hypothermia induced by gastric lavage without balloon, 784

Blood pressure, high, Portal hypertension and biliary cirrhosis, 91; low, Preoperative evaluation of chronically ill surgical patient by tilt table and adrenal responses correlated with blood volumes, 163; Some chemodynamic effects of urea, 309 (cor. 790; high, Rate of hepatic blood flow in normal subjects and in patients with portal hypertension, 443; Renal autoregulation, 540; high, Blood volume changes associated with essential hypertension, 569; Abolition of renal autoregulation by renal decapsulation, 682

Blood transfusion, equipment, Stability and quality of plastic, 170; Utilization of packed red cells versus whole blood in presence of impaired cardiac reserve, 729

Bone, extract, Affecting dynamics of, healing by administration of, 203

Book Shelf, Adrenalectomy—saga of unknown, 116; Evolution of modern surgeon, 247; Peter the Great and Russian medicine, 523
Brain, electroencephalography, Importance of electroencephalogram during open cardiac surgery with particular reference to superior vena caval obstruction, 197; Experimental studies on relation between acceleration and intracranial pressure changes in man, 329
Breast, surgery, Cause and treatment of edema of arm following radical mastectomy, 29
Bronchus, Irradiation and surgery in treatment of bronchogenic carcinoma, 141; Treatment of postoperative pulmonary atelectasis with intermittent positive pressure breathing, 517
Bunion, hallux valgus, and metatarsus primus varus, 637
Burns, Effect of growth hormone on nitrogen balance at various levels of intake in burned patients, 259

CANCER, cells, dissemination, Isolation of, from blood stream during uterine curettage, 3; surgery, Evaluation of one stage, low anterior resection 82 (cor. 390); Irradiation and surgery in treatment of bronchogenic carcinoma, 141; statistics, Carcinoma in situ of uterine cervix, 177; lung, One surgeon's attitude toward cigarette smoking, ed. 232; immunity, Perfusion of chemically modified antibodies for therapy of, 322; Radiation therapy of carcinoma of tongue, 363; chemotherapy, Interscapulothoracic amputation and sacroiliac disarticulation with adjunctive arterial, 457; chemotherapy, Use of intravascular balloon catheters for isolation of pelvic vascular bed during pump-oxygenator perfusion of, chemotherapeutic agents, 464; chemotherapy, Selective intra-arterial perfusion of total abdominal viscera for carcinoma, 484; Study of complications in surgical and radiation therapy of, of cervix, 493; statistics, Effect of preoperative roentgen therapy upon 10 and 5 year results of surgical treatment of, of rectum, 507; Carcinoma in chronic thyroiditis, 552; surgery, Use of Wookey operation for carcinoma of hypopharynx and cervical esophagus, 577; Of, and viruses, ed. 635; dissemination, Clinical study of circulating tumor cells in malignant melanoma, 675; stomach, Analysis of role of radical surgery for gastric, 691; intestines, Acute necrotizing colitis proximal to obstructing neoplasms of colon, 749; Scirrhous carcinoma of colon and rectum, 759; lip, Operative procedure for, of lip, 786
Cannulation, Modified technique for intravenous, 512
Carbon dioxide, Potentiating influence of apnea, hypoxia, and hypercapnia on bile-induced hemorrhagic pancreatic necrosis, 304
Carcinoma, See Cancer; also under organs and regions
Cells, Clinical study of circulating tumor, in malignant melanoma, 675
Chemotherapy, Interscapulothoracic amputation and sacroiliac disarticulation with adjunctive arterial, 457; Use of intravascular balloon catheters for isolation of pelvic vascular bed during pump-oxygenator perfusion of cancer chemotherapeutic agents, 464
Cholangiography, See Biliary tract, roentgenography
Cigarette, smoking, One surgeon's attitude toward, ed. 232
Cirrhosis, biliary, Portal hypertension and, 91
Cobalt, radioactive, Irradiation and surgery in treatment of bronchogenic carcinoma, 141
Colloids, cytotoxic, Perfusion of chemically modified antibodies for therapy of cancer, 322
Colon, New device for management of transverse colostomy, 113; Sexual function and fecal continence following abdominoperineal resection of rectosigmoid for acquired megacolon, 357; surgery, Complications of colotomy and polypectomy, 726; inflammation, Acute necrotizing colitis proximal to obstructing neoplasms of, 749; cancer, Scirrhous carcinoma of, and rectum, 759
Colostomy, New device for management of transverse, 113
Convalescence, Role of surgeon in prolongation of uncomplicated surgical, 49; Postoperative convalescent time, 87; Surgical, ed. 101
Coronary vessels, Coronary blood flow measured by surface counting technique, 371; Intermittent cold coronary perfusion as adjunct to open heart surgery, 744
Cortisone, Effect and interrelation of testosterone, and protein nutrition on wound healing, 274
Craniopharyngiomas, Craniobuccal origin, signs, and treatment of, 183
Cranium, Experimental studies on relation between acceleration and intracranial pressure changes in man, 329
Cytology, Isolation of cancer cells from blood stream during uterine curettage, 3

DIAGNOSIS, differential, Surgical correction of aortic insufficiency associated with ventricular septal defect, 71; differential, Predictive criteria of preclinical femoral hernia, 219; surgical, Diagnostic laparotomy, ed. 376; differential, Roentgenographic and clinical study of larynx and pharynx, 753
Dialysis, of gastric secretion in vivo with semipermeable dialyzing balloon, 531
Dumping syndrome, Surgical treatment of postgastrectomy, 429
Duodenum, Technique for exposure of third and fourth portions of, 378; surgery, Experimental closure of duodenal stump with peritoneal graft, 438; ulcers, General factors influencing incidence and mortality of acute perforated gastroduodenal, 607; ulcer, Factors affecting mortality from acute gastroduodenal perforation, 771

EDEMA, Cause and treatment of, of arm following radical mastectomy, 29
Editorial, Danger of becoming satisfied with standardized techniques, 99; Surgical convalescence, 101; One surgeon's attitude toward cigarette smoking, 232; Diagnostic laparotomy, 376; Direct approach to repair in plastic surgery, 509; Need to re-emphasize principles of asepsis, 511; Tissue transplantation, 633; Of cancer and viruses, 635; Apt words and troubled minds, 779; Ascites, varices, or both, 781
Education, Medical and surgical, Need to re-emphasize principles of asepsis, ed. 511
Electroencephalography, Importance of electroencephalogram during open cardiac surgery with particular reference to superior vena caval obstruction, 197
Electrolytes, balance, Dialysis of gastric secretion in vivo with semipermeable dialyzing balloon, 531
Embolism, pulmonary, Collateral pathways utilized upon ligation of inferior vena cava at different levels in dog, 63; Emboli in surgical treatment of mitral stenosis, 289
Embryology, Development of cleft palate resulting from maternal pteroylglutamic (folic) acid deficiency during latter half of gestation in rats, 19; Some observations concerning pulmonic vasa vasorum, 297
Empyema, Partial scapulectomy with subscapular muscle flap operation for postpneumonectomy, 234
Endometriosis, Significant postmenopausal, 348
Episiotomy, Midline, and extension through rectal sphincter, 245
Esophagus, varix, Esophageal varices produced experimentally in dog, 147; inflammation, Correlative

histopathologic study of experimental surgical reflux esophagitis, 403; cancer, Use of Wookey operation for carcinoma of hypopharynx and cervical, 577; varix, Ascites, varices, or both, ed. 781
Extremities, amputation, Interscapulothoracic, and sacroiliac disarticulation with adjunctive arterial chemotherapy, 457

FAT, Use of radioactive iodine labeled triolein in evaluation of, absorption following cholecystectomy, 206
Feces, Sexual function and fecal continence following abdominoperineal resection of rectosigmoid for acquired megacolon, 357
Femoral canal, Predictive criteria of preclinical femoral hernia, 219
Fibrinolysis, Components of fibrinolytic system in venous segment undergoing experimental thrombosis, 135
Fibrosarcoma, See Sarcoma
Folic acid, Development of cleft palate resulting from maternal pteroylglutamic, acid deficiency during latter half of gestation in rats, 19
Fractures, healing, Affecting dynamics of bone, by administration of bone extract, 203; Experimental, studies on relation between acceleration and intracranial pressure changes in man, 329; Simple new method to maintain abduction at hip during traction, 380

GALLBLADDER, Use of radioactive iodine labeled triolein in evaluation of fat absorption following cholecystectomy, 206
Gastroenterostomy, See Stomach, surgery
Gastrointestinal tract, hemorrhage, Experiences in management of 150 consecutive cases of massive upper gastrointestinal bleeding, 12
Geriatrics, Factors influencing morbidity and mortality in older aged patient undergoing pulmonary surgery, 598
Grafts, peritoneal, Experimental closure of duodenal stump with, 438; teflon, Successful use of, for superior vena caval replacement, 475; Skin, homograft rejection in adrenalectomized and gonadectomized individuals maintained on meticorten, 545; Tissue transplantation, ed. 633; arterial, Composite reconstruction of femoral artery with saphenous vein after endarterectomy, 651; arterial, dacron, nylon, orlon, Fate of homografts and prostheses of human aorta, 659

HALLUX VALGUS, Bunion, and metatarsus primus varus, 637
Head, Benign and malignant neurilemmomas of, and neck, 211
Heart, blood supply, Collateral pathways utilized upon ligation of inferior vena cava at different levels in dog, 63; abnormalities and deformities, Surgical correction of aortic insufficiency associated with ventricular septal defect, 71; surgery, Importance of electroencephalogram during open cardiac surgery with particular reference to superior vena caval obstruction, 197; surgery, Emboli in surgical treatment of mitral stenosis, 289; surgery, Syndrome following total body perfusion, 317; blood supply, Coronary blood flow measured by surface counting technique, 371; blood supply, Use of packed red cells versus whole blood in presence of impaired cardiac reserve, 729; surgery, Intermittent cold coronary perfusion as adjunct to open, 744
Hemodynamics, Some hemodynamic effects of urea, 309 (cor. 790)
Hemorrhage, Experiences in management of 150 consecutive cases of massive upper gastrointestinal bleeding, 12
Hernia, femoral, Predictive criteria of preclinical, 219; inguinal, Basic concept in use of rectus-pyramidalis sheath and transplants in repair of, 514; inguinal, Surgical anatomy of, region based upon study of 500 body-halves, 707
Hip, Simple new method to maintain abduction at, during traction, 380
Histology, Correlative histopathologic study of experimental surgical reflux esophagitis, 403
Hormones, growth, Effect of, on nitrogen balance at various levels of intake in burned patients, 259
Hospitals, infection, Floor as reservoir of, 412
Hydrocortisone, Role of liver in, metabolism, 697
Hypertension, See Blood pressure, high
Hypogastrium, Surgical anatomy of inguinal region based upon study of 500 body-halves, 707
Hypophysis cerebri, See Pituitary body
Hypotension, See Blood pressure, low
Hypothermia, Intermittent cold coronary perfusion as adjunct to open heart surgery, 744; Gastric, induced by gastric lavage without balloon, 784
Hysterectomy, See Uterus, excision

ILEUM, Retrograde ileopyelography, 243
Immunology, Perfusion of chemically modified antibodies for therapy of cancer, 322
Incontinence, See Urine, incontinence
Infection, hospital, Floor as reservoir of, 412
Inguinal canal, Surgical anatomy of, region based upon study of 500 body-halves, 707
Instruments and apparatus, New device for management of transverse colostomy, 113; Use of intravascular balloon catheters for isolation of pelvic vascular bed during pump-oxygenator perfusion of cancer chemotherapeutic agents, 464; Selective intra-arterial perfusion of total abdominal viscera for carcinoma, 484; Dialysis of gastric secretion in vivo with semipermeable dialyzing balloon, 531; heat exchanger, Intermittent cold coronary perfusion as adjunct to open heart surgery, 744; Gastric hypothermia induced by gastric lavage without balloon, 784
Intestines, Surgical treatment of postgastrectomy dumping syndrome, 429; surgery, Biliary intestinal anastomosis using Janeway type duodenal tube, 593; inflammation, Regional jejunitis, 626

JANEWAY TUBE, Biliary intestinal anastomosis using, type duodenal, 593
Jejunum, Regional jejunitis, 626

KIDNEYS, Retrograde ileopyelography, 243; blood supply, Some hemodynamic effects of urea, 309 (cor. 790); function, Effect on renal, of occlusion of aorta inferior to renal vessels, 423; blood supply, Renal autoregulation, 540; blood supply, Abolition of renal autoregulation by renal decapsulation, 682

LAPAROTOMY, See Abdomen, surgery
Larynx, Roentgenographic and clinical study of, and pharynx, 753
Le Cat, Claude Nicolas, Evolution of modern surgeon, 247
Lip, surgery, Primary compromise for bilateral cleft lip, 557; cancer, Operative procedure for, of, 786
Liver, blood supply, Direct removal of portal blood ammonia by, 58; Experimental study of role of hepatic lymph in production of ascites, 77; disease, Portal hypertension and biliary cirrhosis, 91; Some hazards associated with mobilization of left lobe of, 384; blood supply, Rate of hepatic blood flow in normal subjects and in patients with portal hypertension, 443; physiology, Observations on role of, in hydrocortisone metabolism, 697; blood supply,

Reconstructive problems in canine, homotransplantation with special reference to postoperative role of hepatic venous flow, 733; Ascites, varices, or both, ed. 781
Lung, cancer, One surgeon's attitude toward cigarette smoking, ed. 232; collapse, Treatment of postoperative pulmonary atelectasis with intermittent positive pressure breathing, 517; surgery, Factors influencing morbidity and mortality in older aged patient undergoing pulmonary surgery, 598; surgery, Prevention of postresection spaces following resection for pulmonary tuberculosis, 647
Lymph, Experimental study of role of hepatic, in production of ascites, 77

MATERNITY, mortality, Cervical conization during pregnancy, 603
Medicine, history, Peter the Great and Russian medicine, 523
Megacolon, Sexual function and fecal continence following abdominoperineal resection of rectosigmoid for acquired, 357
Melanoma, See Tumors, melanomas
Menopause, Significant postmenopausal endometriosis, 348
Metabolism, Effect of growth hormone on nitrogen balance at various levels of intake in burned patients, 259; Observations on role of liver in hydrocortisone, 697
Metatarsus primus varus, Bunion, hallux valgus, and, 637
Meticorten, Skin homograft rejection in adrenalectomized and gonadectomized individuals maintained on, 545
Mitral valve, Emboli in surgical treatment of mitral stenosis, 289
Mortality, Factors affecting, from acute gastroduodenal perforation, 771
Muscles, Basic concept in use of rectus-pyramidalis sheath and transplants in repair of hernias, 514; external oblique, internal oblique, transversus abdominis, Surgical anatomy of inguinal region based upon study of 500 body-halves, 707

NECK, Benign and malignant neurilemmomas of head and, 211
Necrosis, Potentiating influence of apnea, hypoxia, and hypercapnia on bile-induced hemorrhagic pancreatic, 304; Acute necrotizing colitis proximal to obstructing neoplasms of colon, 749
Nerves, Auriculotemporal, (Frey) syndrome occurring after parotid surgery, 564
Neurilemmomas, See Tumor, neurinoma
Nitrogen, balance, Effect of growth hormone on, at various levels of intake in burned patients, 259
Nutrition, Effect and interrelation of testosterone, cortisone, and protein, on wound healing, 274

OBSTETRICS, Midline episiotomy and extension through rectal sphincter, 245
Oxygen, Potentiating influence of apnea, hypoxia, and hypercapnia on bile-induced hemorrhagic pancreatic necrosis, 304

PALATE, cleft, Development of, resulting from maternal pteroylglutamic (folic) acid deficiency during latter half of gestation in rats, 19
Pancreas, necrosis, Potentiating influence of apnea, hypoxia, and hypercapnia on bile-induced hemorrhagic pancreatic, 304
Parathyroid glands, Tumors of, found incidentally during surgical procedures, 451
Parotid gland, Auriculotemporal (Frey) syndrome occurring after parotid surgery, 564
Pelvis, Use of intravascular balloon catheters for isolation of pelvic vascular bed during pump-oxygenator perfusion of cancer chemotherapeutic agents, 464
Peptic ulcers, perforation, General factors influencing incidence and mortality of acute perforated gastroduodenal ulcers, 607; perforation, Factors affecting mortality from acute gastroduodenal, 771
Peter the Great, and Russian medicine, 523
Pharynx, Use of Wookey operation for carcinoma of hypopharynx and cervical esophagus, 577; Roentgenographic and clinical study of larynx and, 753
Pituitary body, Craniobuccal origin, signs, and treatment of craniopharyngiomas, 183
Placenta, roentgenography, Intravenous placentography, 240
Plastics, Stability and quality of, transfusion equipment, 170
Polyps, See Tumors, polyp
Portal vein, Direct removal of portal blood ammonia by liver, 58; Portal hypertension and biliary cirrhosis, 91; Esophageal varices produced experimentally in dog, 147; Rate of hepatic blood flow in normal subjects and in patients with portal hypertension, 443
Potassium, Effect of growth hormone on nitrogen balance at various levels of intake in burned patients, 259
Pregnancy, complications, Cervical conization during, 603
Prosthesis, Fate of homografts and, of human aorta, 659
Protein, Effect and interrelation of testosterone, cortisone, and, nutrition on wound healing, 274
Pump-oxygenator, See Instruments and apparatus
Pyelography, See Roentgen rays, diagnosis

RADIATION, therapy of carcinoma of tongue, 363; Study of complications in surgical and, of cancer of cervix, 493
Radioactivity, radioactive iodine, Use of, labeled triolein in evaluation of fat absorption following cholecystectomy, 206
Rectum, cancer, Evaluation of one stage, low anterior resection, 82 (cor. 390); Sexual function and fecal continence following abdominoperineal resection of rectosigmoid for acquired megacolon, 357; Effect of preoperative roentgen therapy upon 10 and 5 year results of surgical treatment of cancer of, 507; cancer, Scirrhous carcinoma of colon and, 759
Respiration, Potentiating influence of apnea, hypoxia, and hypercapnia on bile-induced hemorrhagic pancreatic necrosis, 304; Treatment of postoperative pulmonary atelectasis with intermittent positive pressure breathing, 517
Roentgen rays, diagnosis, Pyelographic study of ureteric injuries sustained during hysterectomy for benign conditions, 41; diagnosis, Technique and evaluation of operative cholangiography, 102; therapy, Irradiation and surgery in treatment of bronchogenic carcinoma, 141; diagnosis, Studies in visceral arteriography, 192; diagnosis, Intravenous placentography, 240; diagnosis, Retrograde ileopyelography, 243; therapy, Effect of preoperative, upon 10 and 5 year results of surgical treatment of cancer of rectum, 507; diagnosis, Regional jejunitis, 626; diagnosis, Roentgenographic and clinical study of larynx and pharynx, 753

SARCOMA, Fibrosarcoma of thyroid gland, 767
Scapula, Partial scapulectomy with subscapular muscle flap operation for postpneumonectomy empyema, 234
Sex, function, Sexual, and fecal continence following abdominoperineal resection of rectosigmoid for acquired megacolon, 357

Sigmoidoscopy, Complications, of colotomy and polypectomy, 726
Skin, grafts, homograft rejection in adrenalectomized and gonadectomized individuals maintained on meticorten, 545
Sphincter, Oddi's, Total sphincteroplasty without drainage of common bile duct in treatment of biliary tract disease, 339
Sphincter muscles, rectal, Midline episiotomy and extension through, 245
Steroids, Observations on role of liver in hydrocortisone metabolism, 697
Stomach, Artificial bladder from gastric pouch, 155; secretion, surgery, Effect of gastroenterostomy on gastric, 285; surgery, Correlative histopathologic study of experimental surgical reflux esophagitis, 403; excision, Surgical treatment of postgastrectomy dumping syndrome, 429; excision, Experimental closure of duodenal stump with peritoneal graft, 438; secretions, Dialysis of gastric, in vivo with semipermeable dialyzing balloon, 531; ulcers, General factors influencing incidence and mortality of acute perforated gastroduodenal, 607; surgery, Analysis of role of radical, for gastric cancer, 691; ulcer, Factors affecting mortality from acute gastroduodenal perforation, 771; Gastric hypothermia induced by gastric lavage without balloon, 784
Surface counting, Coronary blood flow measured by, technique, 371
Surgeon, Role of, in prolongation of uncomplicated surgical convalescence, 49; Danger of becoming satisfied with standardized techniques, ed. 99; One, attitude toward cigarette smoking, ed. 232; Evolution of modern, 247; responsibility, Need to re-emphasize principles of asepsis, ed. 511; responsibility, Apt words and troubled minds, ed. 779
Surgeon at work, Technique and evaluation of operative cholangiography, 102; New device for management of transverse colostomy, 113; Partial scapulectomy with subscapular muscle flap operation for postpneumonectomy empyema, 234; Intravenous placentography, 240; Retrograde ileopyelography, 243; Midline episiotomy and extension through rectal sphincter, 245; Technique for exposure of third and fourth portions of duodenum, 378; Simple new method to maintain abduction at hip during traction, 380; Some hazards associated with mobilization of left lobe of liver, 384; Modified technique for intravenous cannulation, 512; Basic concept in use of rectus-pyramidalis sheath and transplants in repair of hernias, 514; Treatment of postoperative pulmonary atelectasis with intermittent positive pressure breathing, 517; Bunion, hallux valgus, and metatarsus primus varus, 637; Prevention of postresection spaces following resection for pulmonary tuberculosis, 647; Composite reconstruction of femoral artery with saphenous vein after endarterectomy, 651; Gastric hypothermia induced by gastric lavage without balloon, 784; Operative procedure for cancer of lip, 786
Surgery, accidents and errors, Pyelographic study of ureteric injuries sustained during hysterectomy for benign conditions, 41; experimental, Collateral pathways utilized upon ligation of inferior vena cava at different levels in dog, 63; technique, Surgical correction of aortic insufficiency associated with ventricular septal defect, 71; Experimental, study of role of hepatic lymph in production of ascites, 77; end results, Evaluation of one stage, low anterior resection, 82 (cor. 390); Postoperative convalescent time, 87; standardized techniques, Danger of becoming satisfied with, 99; postoperative convalescence, Surgical, ed. 101; experimental, Study of, methods for producing thrombosis in small arteries, 131; experimental, Components of fibrinolytic system in venous segment undergoing, thrombosis, 135; experimental, Esophageal varices produced, in dog, 147; technique, Artificial bladder from gastric pouch, 155; Preoperative evaluation, of chronically ill surgical patient by tilt table and adrenal responses correlated with blood volumes, 163; technique, Partial scapulectomy with subscapular muscle flap operation for postpneumonectomy empyema, 234; history, Evolution of modern surgeon, 247; diagnosis, Diagnostic laparotomy, ed. 376; Technique, for exposure of third and fourth portions of duodenum, 378; technique, Some hazards associated with mobilization of left lobe of liver, 384; experimental, Correlative histopathologic study of, surgical reflux esophagitis, 403; Experimental, closure of duodenal stump with peritoneal graft, 438; complications, Possible indication of postoperative thromboembolism by platelet counts and blood coagulation studies in patient undergoing extensive, 469; experimental, Successful use of teflon grafts for superior vena caval replacement, 475; complications, Study of, in surgical and radiation therapy of cancer of cervix, 493; plastic, Direct approach to repair in, ed. 509; principles, Need to re-emphasize, of asepsis, ed. 511; technique, Basic concept in use of rectus-pyramidalis sheath and transplants in repair of hernias, 514; postoperative complications, Treatment of postoperative pulmonary atelectasis with intermittent positive pressure breathing, 517; experimental, Renal autoregulation, 540; plastic, Primary compromise for bilateral cleft lip, 557; postoperative complications, Auriculotemporal (Frey) syndrome occurring after parotid, 564; technique, Biliary intestinal anastomosis using Janeway type duodenal tube, 593; morbidity and mortality, Factors influencing, in older aged patient undergoing pulmonary, 598; technique, Bunion, hallux valgus, and metatarsus primus varus, 637; postoperative complications, Prevention of postresection spaces following resection for pulmonary tuberculosis, 647; experimental, Abolition of renal autoregulation by renal decapsulation, 682; technique, Analysis of role of radical, for gastric cancer, 691; experimental, Use of packed red cells versus whole blood in presence of impaired cardiac reserve, 729; experimental, Reconstructive problems in canine liver homotransplantation with special reference to postoperative role of hepatic venous flow, 733; technique, Operative procedure for cancer of lip, 786
Syndrome, postperfusion, following total body, 317; Auriculotemporal (Frey), after parotid surgery, 564

TEFLON, Successful use of, grafts for superior vena caval replacement, 475
Terminology, Apt words and troubled minds, ed. 779
Testosterone, Effect and interrelation of, cortisone, and protein nutrition on wound healing, 274
Tests, tilt table, Preoperative evaluation of chronically ill surgical patient by, and adrenal responses correlated with blood volumes, 163
Thrombophlebitis, Cause and treatment of edema of arm following radical mastectomy, 29
Thrombosis, Components of fibrinolytic system in venous segment undergoing experimental, 135
Thorax, surgery, Partial scapulectomy with subscapular muscle flap operation for postpneumonectomy empyema, 234
Thromboembolism, Possible indication of postoperative, by platelet counts and blood coagulation studies in patient undergoing extensive surgery, 469
Thrombosis, Study of experimental methods for producing, in small arteries, 131

Thyroid, disease, Carcinoma in chronic thyroiditis, 552; Fibrosarcoma of, gland, 767
Tissue, transplantation, ed. 633
Toes, hallux valgus, Bunion, and metatarsus primus varus, 637
Tongue, Radiation therapy of carcinoma of, 363
Traction, Simple new method to maintain abduction at hip during, 380
Transplantation, Tissue, ed. 633; liver, Reconstructive problems in canine, homotransplantation with special reference to postoperative role of hepatic venous flow, 733
Triolein, Use of radioactive iodine labeled, in evaluation of fat absorption following cholecystectomy, 206
Tuberculosis, pulmonary, surgery, Prevention of postresection spaces following resection, 647
Tumor, craniopharyngiomas, Craniobuccal origin, signs, and treatment of, 183; neurinoma, Benign and malignant neurilemmomas of head and neck, 211; adenomas, of parathyroid glands found incidentally during surgical procedures, 451; melanomas, Clinical study of circulating tumor cells in malignant, 675; polyp, Complications of colotomy and polypectomy, 726

Ulcers, General factors influencing incidence and mortality of acute perforated gastroduodenal, 607
Urea, Some hemodynamic effects of, 309 (cor. 790)
Ureters, wounds and injuries, Pyelographic study of ureteric, sustained during hysterectomy for benign conditions, 41; Retrograde ileopyelography, 243
Urethra, Physiopathology of stress incontinence, 224
Urine, diversion, Artificial bladder from gastric pouch, 155; incontinence, Physiopathology of stress, 224; Syndrome following total body perfusion, 317
Uterus, curettage, Isolation of cancer cells from blood stream during uterine, 3; excision, Pyelographic study of ureteric injuries sustained during hysterectomy for benign conditions, 41
Uterus cervix, cancer, Carcinoma in situ of, 177; cancer, Study of complications in surgical and radiation therapy of, 493; excision, Cervical conization during pregnancy, 603

Varix, Ascites, varices, or both, ed. 781
Vasa vasorum, Some observations concerning pulmonic, 297
Veins, lumbar, renal, Collateral pathways utilized upon ligation of inferior vena cava at different levels in dog, 63; Components of fibrinolytic system in venous segment undergoing experimental thrombosis, 135; pulmonary, Some observations concerning pulmonic vasa vasorum, 297; cannulation, Modified technique for intravenous, 512; saphenous, Composite reconstruction of femoral artery with, after endarterectomy, 651; hepatic, Reconstructive problems in canine liver homotransplantation with special reference to postoperative role of, venous flow, 733
Venae cavae, Collateral pathways utilized upon ligation of inferior, at different levels in dog, 63; Importance of electroencephalogram during open cardiac surgery with particular reference to superior, obstruction, 197; Successful use of teflon grafts for superior, replacement, 475
Viruses, Of cancer and, ed. 635
Vulva, Midline episiotomy and extension through rectal sphincter, 245

Water, balance, Dialysis of gastric secretion in vivo with semipermeable dialyzing balloon, 531
Wookey operation, Use of, for carcinoma of hypopharynx and cervical esophagus, 577
Wounds, healing, Effect and interrelation of testosterone, cortisone, and protein nutrition on, 274; healing, Skin homograft rejection in adrenalectomized and gonadectomized individuals maintained on meticorten, 545

INDEX TO BOOK REVIEWS

ADAMS, JOHN CRAWFORD. Outline of Orthopaedics, 3rd ed., 529

ADLER, FRANCIS HEED. Physiology of the Eye; Clinical Application, 3rd ed., 122

ANDERSON, MILES H., BRAY, JOHN J., and HENNESSY, CHARLES A. Prosthetic Principles—Above Knee Amputations, edited by Raymond E. Sollars, 250

ARIEL, IRVING M., and PACK, GEORGE T. Cancer and Allied Diseases of Infancy and Childhood, edited by Irving M. Ariel and George T. Pack, 528

BLOOMER, WILLIAM E., LIEBOW, AVERILL A., and HALES, MILTON R. Surgical Anatomy of the Bronchovascular Segments. Foreword by Gustaf E. Lindskog, 789

BONICA, JOHN J. Clinical Applications of Diagnostic and Therapeutic Nerve Blocks, 122

BOWERS, WARNER F. Surgical Gastroenterology; Considerations Based on Pathologic Physiology, 529

BOWERS, WARNER F., and HUGHES, CARL W. Surgical Philosophy in Mass Casualty Management; with Detailed Notes on Practical Care, 387

BROWN, JAMES BARRETT, and FRYER, MINOT P. Postmortem Homografts, 656

BUIE, LOUIS A., SR., Practical Proctology, 2nd ed., 526

BUTT, ARTHUR J. Treatment of Urinary Lithiasis, compiled and edited by Arthur J. Butt, 388

COPE, ZACHARY. The History of the Royal College of Surgeons of England, 654

COSENTINO, RODOLFO. Atlas of Anatomy and Surgical Approaches in Orthopaedic Surgery; Upper Extremity. Preface by Arthur Steindler, 389

DARGEON, HAROLD W. Tumors of Childhood, 789

DAVIS, LOYAL. Fellowship of Surgeons; a History of the American College of Surgeons, 249

DEWEESE, DAVID D., and SAUNDERS, WILLIAM H. Textbook of Otolaryngology, 388

GALLAGHER, J. ROSWELL. Medical Care of the Adolescent, 527

GARDNER, ERNEST, GRAY, DONALD J., and O'RAHILLY, RONAN. Anatomy; a Regional Study of Human Structure, 526

GOLDEN, ROSS. Radiologic Examination of the Small Intestine, 2nd ed., 123

GOLDSTEIN, LOUIS A. The Surgical Treatment of Scoliosis. Appendix; Anesthesia in Scoliosis by D. Vernon Thomas, 121

GORDON, BENJAMIN LEE. Medieval and Renaissance Medicine, 124

GUTTMACHER, ALAN F., and ROVINSKY, JOSEPH J. Medical, Surgical, and Gynecological Complications of Pregnancy, 655

HALL, L. SIMSON. Diseases of the Nose, Throat, and Ear; a Handbook for Students and Practitioners, 7th ed., 123

HURST, J. WILLIS. Cardiac Resuscitation, edited by J. Willis Hurst, 528

JACOBS, A. L. Arterial Embolism in the Limbs; the Clinical Problem and Its Anatomical Basis. Foreword by C. G. Rob, 252 (cor. 530)

JAMIESON, R. AINSLIE, and KAY, ANDREW W. A Textbook of Surgical Physiology, 124

JELSMA, FRANKLIN. Primary Tumors of the Calvaria; with Special Consideration of the Clinical Problems, 389

KÄSER, O., and IKLÉ, F. A. Atlas der gynaekologischen Operationen, 527

KENNEDY, ROBERT H. Nonpenetrating Injuries of the Abdomen, 788

KETTEL, KARSTEN. Peripheral Facial Palsy; Pathology and Surgery. Foreword by Terence Cawthorne, 123

KEVORKIAN, JACK. The Story of Dissection, 252

KULOWSKI, JACOB. Crash Injuries; the Integrated Medical Aspects of Automobile Injuries and Death, 655

KUNKLER, PETER B., and RAINS, ANTHONY J. H. Treatment of Cancer in Clinical Practice, edited by Peter B. Kunkler and Anthony J. H. Rains, 250

LEAVELL, BYRD S., and THORUP, OSCAR A., JR. Fundamentals of Clinical Hematology, 656

LEIGH, M. DIGBY, and BELTON, M. KATHLEEN. Pediatric Anesthesiology, 2nd ed., 657

LETTERER, ERICH. Allgemeine Pathologie; Grundlagen und Probleme ein Lehrbuch, 657

LIU, WINIFRED. An Introduction to Gynecological Exfoliative Cytology; a Manual for Cytotechnicians, 251

MCKUSICK, VICTOR A. Heritable Disorders of Connective Tissue, 2nd ed., 387

MENNELL, JOHN MCM. Back Pain; Diagnosis and Treatment Using Manipulative Techniques, 389

MERRILL, VINITA. Atlas of Roentgenographic Positions. Vols. I and II, 2nd ed., 121

MIDDLEMISS, HOWARD. Radiology as a Diagnostic Aid in Clinical Surgery, 788

NICHOLS, H. MINOR. Manual of Hand Injuries. Foreword by Michael L. Mason, 2nd ed., 789

POPPEN, JAMES L. An Atlas of Neurosurgical Techniques, 529

"Putti," Archivio, di chirurgia degli organi di movimento, directed by D. Casuccio and O. Scaglietti and edited by L. Gui, Vol. XI, 251

RAMSEY, GEORGE H. S., TRISTAN, THEODORE A., WATSON, JAMES S., JR., WEINBERG, SYDNEY, and CORNWELL, WILLIAM S. Cinefluorography, edited by George H. S. Ramsey and others, 125

RANK, B. K., and WAKEFIELD, A. R. Surgery of Repair as Applied to Hand Injuries. Foreword by Sir Gordon Gordon-Taylor, 2nd ed., 654

RAVITCH, MARK M. Intussusception in Infants and Children, 387

REYNOLDS, FRED C. The American Academy of Orthopaedic Surgeons, Instructional Course Lectures, edited by Fred C. Reynolds, Vol. XVI, 123

RHODES, PHILIP. Fluid Balance in Obstetrics; a Critical Review, 788

ROAF, ROBERT, KIRKALDY-WILLIS, W. H., and CATHRO, A. J. M. Surgical Treatment of Bone and Joint Tuberculosis. Foreword by Harold Boyd, 249

SCHMORL, GEORG. The Human Spine in Health and Disease; Anatomicopathologic Studies. Clinicoradiologic Aspects by Herbert Junghanns, 1st American ed., 386

SCHRÖDER, ROBERT. Lehrbuch der Gynaekologie fuer Studium und Praxis, 5th ed., 251

SICARD, ANDRÉ. Monographies chirurgicales (Collection Henri Mondor); chirurgie du rachis, 386

SMIALOWSKI, ARTHUR, and CURRIE, DONALD J. Photography in Medicine, 526

SMILLIE, I. S. Osteochondritis Dissecans, Loose Bodies in Joints, Etiology, Pathology, Treatment, 655

Surgery in World War II. Medical Department, United States Army. Neurosurgery. Vol. II, under the direction of Major General S. B. Hays and edited by John Boyd Coates, Jr., R. Glen Spurling, Barnes Woodhall, and Elizabeth M. McFetridge, 526

TAYLOR, SELWYN. Recent Advances in Surgery, edited by Selwyn Taylor. Foreword by Sir James Paterson Ross, 5th ed., 527

THORWALD, JÜRGEN. The Triumph of Surgery. Translated by Richard and Clara Winston, 122

TITCHENER, JAMES L., and LEVINE, MAURICE. Surgery as a Human Experience; the Psychodynamics of Surgical Practice, 125

TONUTTI, E., WELLER, O., SCHUCHARDT, E., and HEINKE, E. Die maennliche Keimdruese; Strukture, Funktion, Klinik; Grundzuege der Andrologie, 529

VASTERLING, H. W. Praktische Spermatiologie ein Leitfaden fuer Aerzte. Foreword by Heinz Kirchkoff, 125

VILLEE, CLAUDE A. The Placenta and Fetal Membranes, edited by Claude A. Villee, 528

WERSHUB, LEONARD PAUL. Sexual Impotence in the Male. Foreword by Ralph E. Snyder, 121

WILES, PHILIP. Essentials of Orthopaedics, 3rd ed., 388

WILKINSON, A. W. Body Fluids in Surgery, 2nd ed., 657

WYLIE, W. D., and CHURCHILL-DAVIDSON H. C. A Practice of Anaesthesia, 388

ZIFFREN, SIDNEY E. Management of the Aged Surgical Patient, 386

kture,
e, 529
Leit-
f, 125
ranes,

n the

., 388
., 657
Prac-

rgical